

EDITED KSAPC LISTING

CLASSIFICATION: ELECTRICIAN II, CF

NOTE: Each position within this classification may perform some or all of these KSAPCs.

KSAPC Statements	
<i>Knowledge of:</i>	
K1.	Comprehensive knowledge of principles, methods, materials, tools, and equipment used in the installation, maintenance, and repair of electrical equipment (e.g., wiring, switches, lighting, transformers, high voltage, switchboard, motor control centers, etc.) in order to accomplish a work assignment, and to provide direction/information to unskilled workers as needed.
K2.	Comprehensive knowledge of the rules and regulations (e.g., National Electric Code and Electrical Safety Orders of the Division of Industrial Safety, California Code of Regulations, etc.) in order to safely complete work assignments, and provide direction/information as needed.
K3.	Basic knowledge of institutional policies and procedures for inmate/ward supervision to maintain safety and security of the institution, staff, property, etc. and help prevent escapes.
K4.	Comprehensive math knowledge to calculate labor, materials, and/or cost estimates for projects, work orders and additions, etc.
K5.	Basic knowledge of computer applications (e.g., Microsoft Word, Microsoft Excel, etc.) in order to assist in the completion of various assignments.

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KSAPC Statements	
Ability to:	
A1.	Communicate effectively with individuals or groups to provide accurate information, instruction, direction, and maintain effective working relationships.
A2.	Interpret and prepare and work from rough sketches, plans (blue prints), drawings, and specifications to obtain/provide information for electrical work.
A3.	Maintain records and reports in order to provide information and documentation and to comply with departmental policies.
A4.	Instruct, lead and coordinate the work of a small crew of Electricians I, CF and/or unskilled workers (inmates/wards) in order to ensure proper completion of work and compliance with codes and regulations.
A5.	Install electrical equipment (e.g., wiring, switches, lighting, transformers, high voltage, switchboards, motor control centers, etc.) in order to accomplish a work assignment.
A6.	Maintain electrical equipment (e.g., wiring, switches, lighting, transformers, high voltage, switchboards, motor control centers, etc.) in order to accomplish a work assignment.
A7.	Repair electrical equipment (e.g., wiring, switches, lighting, transformers, high voltage, switchboards, motor control centers, etc.) in order to accomplish a work assignment.
A8.	Communicate effectively with individuals or groups to provide accurate information, instruction, direction, and maintain effective working relationships.
A9.	Interpret and prepare and work from rough sketches, plans (blue prints), drawings, and specifications to obtain/provide information for electrical work.
A10.	Maintain records and reports in order to provide information and documentation and to comply with departmental policies.
A11.	Instruct, lead and coordinate the work of a small crew of Electricians I, CF and/or unskilled workers (inmates/wards) in order to ensure proper completion of work and compliance with codes and regulations.

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KSAPC Statements	
<i>Skill to:</i>	
S1.	Mechanical inclination to perform electrical work.

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KSAPC Statements	
<i>Personal Characteristics:</i>	
PC1.	Must be reasonably expected to have and maintain sufficient strength, agility and endurance to perform during stressful (physical, mental and emotional) situations encountered on the job without compromising their health and well-being or that of their fellow employees or that of inmates.
PC2.	Tact, high moral standards, patience, and emotional stability.